

REMARKS/ARGUMENTS

This case has been carefully reviewed and analyzed in view of the Official Action dated 24 February 2005. Responsive to the rejections made in the Official Action, Claims 1 and 6 have been amended to clarify the combination of elements which form the invention of the subject Patent Application.

In the Official Action, the Examiner rejected Claims 2-10 under 35 U.S.C. § 102(b), as being anticipated by Nagatsuma, et al., U.S. Patent 6,285,314.

Before discussing the prior art relied upon by the Examiner, it is believed beneficial to briefly review the structure of the invention of the subject Patent Application, as now claimed. The invention of the subject Patent Application is directed to an integrated exercise detection device. The device includes a satellite positioning module adapted to receive satellite signals. The satellite positioning module includes a first microprocessor processing the satellite signals to generate first data that includes at least a current position, a first displacement, a first velocity and an altitude of a user and a communication interface. The exercise detection device includes a second microprocessor receiving the first data transmitted through the communication interface from the first microprocessor. Further, the detection device includes an exercise detection module adapted to detect at least one exercise signal of the user and generating second data in response thereto. The second data is transmitted to the second microprocessor. The second microprocessor processes the second data to generate at least a second velocity and a second displacement therefrom. The second microprocessor compares the first and second displacements and the first and second velocities and corrects the second displacement and the second velocity if different from

the respective first displacement and first velocity. The integrated exercise detection device also includes a display electrically coupled to the second microprocessor to selectively display the first and second data.

In contradistinction, the Nagatsuma, et al. reference is directed to a portable GPS type distance/speed meter capable of changing sampling period in response to an arm swinging period. The GPS receiver 22 is worn on the wrist of a user and thus if the user swings their arms during walking or running the instantaneous velocity and distance calculations include some inaccuracy due to the rearward movement of the arm during its swing. In order to overcome this problem, the reference incorporates a body-motion detecting sensor 23 in proximity of the GPS receiver 22 to detect the motion of a user's arm swinging when the user walks or runs. The CPU 21 calculates an arm swinging period of the user and utilizes that period to be the sampling period for GPS reception, thereby placing the user's arm in relatively the same position at each measurement point. The body-motion sensor is utilized for no other purpose in this system.

Therefore, nowhere does the reference disclose or suggest processing the second data (data from the body motion sensor) to generate at least a second velocity and a second displacement therefrom and further neither discloses nor suggests the microprocessor comparing the first and second displacements and the first and second velocities and correcting the second displacement and the second velocity if different from the respective first displacement and first velocity, as now claimed. As the reference fails to disclose each and every one of the elements of the invention of the subject Patent Application, it cannot anticipate that invention. Further, as the reference fails to suggest such a combination of elements, it cannot make obvious that invention

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either.

The remaining references cited by the Examiner, but not relied upon, have been carefully reviewed, and also fail to disclose or suggest the combination of elements which form the invention of the subject Patent Application, as now claimed.

For all of the foregoing reasons, it is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

Respectfully submitted,
For: ROSENBERG, KLEIN & LEE



David I. Klein
Registration #33,253

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Suite 101
3458 Ellicott Center Drive
Ellicott City, MD 21043
(410) 465-6678

Customer No.
04586